Wireless TV Listeners

Connevans offer a wide range of TV wireless assistive listening systems – designed to boost the volume for just one person. There are neckloop options for hearing aid wearers or stereo headsets for people who don't wear a hearing aid.

How do the systems work?

There are two main parts to these systems: a **mains powered transmitter** and a **wireless receiver** with a **rechargeable battery** – all the systems offer a wirefree connection between you and your TV (or audio system).

The **transmitter base station requires mains power** and is placed in a prominent position near the TV. It needs to be connected to the TV either using a wired microphone attached to the TV loudspeaker or more commonly **plugged directly into the back of the TV** using the SCART or audio out connection.

The receiver is worn by the listener. It has a rechargeable battery and when not in use is placed in the transmitter charging cradle. With some systems, a spare battery can be recharged in the base station whilst the system is in use.

All the systems on the following pages can be used with any television, radio or sound system with an audio output and are very much 'plug and play'.

Three ways to listen

Headset | *Neckloop with hearing aid* | *Neckloop with earphones (or headphones)*

Wireless TV listening: which system to choose – infra red or digital?

Infra red Operates within line-of-sight in the same room. The advantage with infra red is that several systems can be used in adjacent rooms making it eminently suitable for multiple occupancy residences.

Digital Radio Can be used anywhere within the range of the transmitter. This allows freedom of movement around the same or adjacent rooms. Also good for those with visual impairment as it doesn't require line-of-sight use.

Our experience is that Infra red is the most popular choice for TV listening whereas the Digital systems are a better choice for use with a radio or hi-fi because you can listen in the next room or nearby garden. Remember that digital Freeview, Sky & Cable TV now includes radio channels. If you have a plasma TV, we recommend purchasing a digital, rather than infra red, system to avoid the possibility of interference.

Wireless fm system versus wireless TV listener: If you are considering purchasing a wireless TV listener, we really would suggest that you consider the benefits of spending slightly more and buying a personal fm system which can be used for listening to friends and family as well as the TV.

Wireless fm systems do give hearing aid users a great improvement in sound quality. Our 220 Lite fm systems (see page 219), whilst having a classic design look, are amazingly good value for money.

Neckworn receiver for hearing aid users using 'T ' and non-hearing aid users

All the neckloop systems offer excellent field strength and good mono sound quality. They also all have a standard headphone socket, making them ideal for those who have a hearing aid but don't wear it all the time.

The inductive neckloop allows hearing aid users to listen on the Loop Programme ('T') of their hearing aid, which greatly improves the sound quality.

Non hearing aid users can use the 3.5mm stereo headphone socket to plug in their own headphones or earphones – please see page 211 for our headphone range.

Headset receiver for non hearing aid users

Stereo stethoscope-style headsets are ideal for hard of hearing people who need to increase the TV volume and do not have a hearing aid. In many cases, although they may be able to hear the television, the volume is often too loud for others in the room. All these systems offer excellent stereo sound quality.

Non-hearing aid users can also use any of the neckloop systems with a pair of 3.5mm stereo headphones or earphones (see page 211).

Infra Red

InfraLight Swing

The InfraLight Swing supercedes the previous InfraLight model which was popular with many customers. It has a more modern design and the same excellent sound quality.

93ISNL

93ISHS

In the opinion of our evaluation panel the InfraLight Swing is a stylish and well-designed TV Listener. The addition of a mini USB socket offers a nice method of connection to a computer. A recommended choice.

Amplicomms TV-150

The TV-150 is an unusual design. The receiver rests around your neck and you listen through earbuds. There is no weight or pressure on your ears, making it comfortable to wear.

In the opinion of our evaluation panel this is an innovative TV listener with excellent battery life. Some users might find the earbuds more fiddly than a standard headset. It is a particularly affordable option.

93ITV150

Sonumaxx with headset & neckloop

The Sonumaxx is a neck-worn receiver and comes with the option to plug in either the supplied neckloop or headset – or any standard earphones/headphones. It is a great choice for people who don't wear their hearing aids all of the time.

In the opinion of our evaluation panel, the Sonumaxx offers excellent value for money. Because the receiver doesn't hang from your ears, some people might find it more comfortable to wear for longer periods of time. Another handy feature is that the Sonumaxx can run on normal AAA alkaline batteries so if your rechargeable batteries run out, you don't have to stop using the system while they recharge.

93SON1

Digital Radio

Swing Digital

The Swing Digital replaces the RadioLight using the latest digital radio technology instead of traditional fm. It has a longer operating range and a smart new design.

The new Swing Digital has a very long range, which is great for use throughout the house. The sound quality is excellent and our evaluation panel found them to be comfortable to wear.

93SDHS

93SDNL

Geemarc CL7300

The CL7300 is an easy-to use TV headset. The option to select mono or stereo sound, combined with the left/right balance adjustment makes this a good choice for people with a greater hearing loss on one side.

Our evaluation panel particularly liked the large volume control buttons on the front of the CL7300, making it easy to use, particularly for those with limited dexterity.

93RCL7300

Amplicomms TV & Personal Listener

The TV-2400 and TV-2410 are not only great for listening to the TV, but they also have a built in microphone so they can be used as a personal listener for nearby conversation – switch between the two modes at a simple touch of a button! This makes them ideal for use in family situations.

93ITV2400

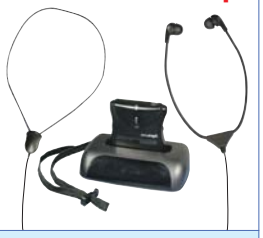
93ITV2410

In the opinion of our evaluation panel, these are excellent value for money. The sound quality is very good and the addition of the personal listener makes them unique.
A recommended choice.

Unsure how to connect into your TV?

Connecting to a TV is easy.
1st choice: phono audio out connection
2nd choice: SCART connector (see page 250 for 'David's Guide to plugs & sockets' for more info)
3rd choice: some new TVs only have a digital audio out, in which case we recommend purchasing a Digital-Analogue converter which can be found on page 224.

Wireless TV listeners

	For hearing aid users with the Loop Programme & non-hearing aid users			
	InfraLight Swing neckloop	**Swing Digital neckloop**	**Amplicomms TV 2410-NL TV & Personal Listener**	**Sonumaxx with Headset & Neckloop** 
Type of transmission	infra red	digital radio	digital radio	infra red
Range (approx.)	up to 15m	up to 45m	up to 30m	up to 12m
Balance control	✔	✔	✔	✔
Stereo	loop = *no*, headphones = ✔	loop = *no*, headphones = ✔	loop = *no*, headphones = ✔	loop = *no*, headphones = ✔
Tone control	✔	✔	✔	✔
Colour	black	silver/black	red	black
BASE STATION				
Microphone	✔	✔	✔	mic input – mic not included
SCART connector for TV	✔	✔	✔	✔
Connecting lead to TV headphone socket	✔ stereo – 3.5mm	✔ stereo – 3.5mm	✔ stereo – 3.5mm	✔ stereo – 3.5mm
Mains powered transmitter	yes	yes	yes	yes
Phono connecting lead	✔	✔	✔	✔
Number of charging slots for headsets	1	1	1	1
Base station, size in mm	153 x 108 x 22	153 x 108 x 22	130 diam. x 40	134 x 87 x 30
HEADSET RECEIVER				
Wearing method	neck-worn	neck-worn	neck-worn	neck-worn with plug-in loop/headset
Supplied with spare earbuds	n/a	n/a	n/a	*no*
Personal listener facility	*no*	*no*	✔	*no*
Rechargeable battery	✔	✔	✔ – 2 included	✔
Estimated battery life when in use	6 hours approx	6 hours approx	5 hours approx	12 hours approx
Estimated battery charging time	4 hours approx	4 hours approx	2.5 hours approx	12 hours approx
Adjustable volume	✔ rotary control	✔ rotary control	✔ rotary control	✔ rotary control
Max. volume	125dBa	125dBa	120dB	120dBa
3.5mm Headphone socket	✔	✔	✔	✔
Receiver, size in mm (exc loop/headset arms)	91 x 50 x 20	91 x 50 x 20	74 x 68 x 26	76 x 68 x 24
Loop length in mm (approx.)	870	870	730	750
Weight of Receiver (approx.)	64g	64g	76g	73g
Cost each qty 1	**£ 108.00**	**£ 138.00**	**£ 90.66**	**£ 88.99**
Cost each qty 2-4	**£ 103.55**	**£ 132.05**	**£ 87.08**	**£ 85.49**
Cost each qty 5-9	**£ 98.10**	**£ 125.10**	**£ 82.49**	**£ 80.99**
Cost each qty 10+	**£ 95.38**	**£ 121.63**	**£ 68.75**	**£ 67.49**
Connevans part no.	**93ISNL**	**93SDNL**	**93ITV2410**	**93SON1**
	VAT 2	VAT 2	VAT 2	VAT 2

For non-hearing aid users

InfraLight Swing headset	Swing Digital headset	Geemarc CL7300	Amplicomms TV 150	Amplicomms TV 2400 TV & Personal Listener
infra red	digital radio	digital radio	infra red	digital radio
up to 15m	up to 45m	up to 25m	up to 10m	up to 30m
✔	✔	✔	*no*	✔
✔	✔	adjustable – stereo or mono	adjustable – stereo or mono	adjustable – stereo or mono
✔	✔	✔	✔	✔
black	silver/black	silver/black	black	red
✔	✔	✔	mic input – mic not included	✔
✔	✔	✔	*not included*	✔
✔ stereo – 3.5mm	✔ stereo – 3.5mm	✔ stereo – 3.5mm	✔ stereo – 3.5mm	✔ stereo – 3.5mm
yes	yes	yes	yes	yes
✔	✔	✔	✔	✔
1	1	1	2 – one headset supplied. *Additional receivers sold separately*	1
153 x 108 x 22	153 x 108 x 22	124 x 87 x 70	118 x 77 x 30	130 diam. x 40
ear-worn	ear-worn	ear-worn	neck-worn with earbuds	ear-worn
✔	✔	✔	✔	✔
no	*no*	*no*	*no*	✔
✔	✔	✔	✔	✔ – 2 included
6 hours approx	6 hours approx	3 hours approx	25 hours approx	5 hours approx
4 hours approx	4 hours approx	3 hours approx	5 hours approx	2.5 hours approx
✔ rotary control	✔ rotary control	✔ + and – butons	✔ rotary control	✔ rotary control
125dBa	125dBa	125dBspl	120dB	120dB
no	*no*	*no*	*no*	*no*
91 x 50 x 20	91 x 50 x 20	62 x 47 x 18	110 x 34 x 15	60 x 60 x 25
-	-	-	-	-
60g	60g	50g	80g	53g
£ 108.00	**£ 138.00**	**£ 111.49**	**£ 48.99**	**£ 82.33**
£ 103.55	**£ 132.05**	**£ 106.87**	**£ 47.49**	**£ 79.16**
£ 98.10	**£ 125.10**	**£ 101.24**	**£ 44.99**	**£ 75.00**
£ 95.38	**£ 121.63**	**£ 91.40**	**£ 37.50**	**£ 62.50**
93ISHS	**93SDHS**	**93RCL7300**	**93ITV150**	**93ITV2400**
VAT 2	VAT 2	VAT 2	VAT 2	VAT 2